

WHAT IS CLAIMED IS:

1. A rack system for storing an information  
handling system component comprising:
  - a rack having four rails, each rail having a  
5 standard interface portion;  - a cable management flip tray assembly comprising a  
flip tray mounting bracket and flip tray mounted thereto;  - the flip tray mounting bracket selectively mounted  
to the standard interface portions of two rails;  - 10 the flip tray having at least one retainer for  
managing cabling associated with an information handling  
system stored in the rack, the flip tray selectively  
moveable between a first, generally vertical, position  
and a second, generally horizontal, position operable to  
15 facilitate access to the information handling system  
component stored within the rack.
2. The rack system of Claim 1 wherein the rack  
comprises an EIA-310 compliant rack.  
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3. The rack system of Claim 1 wherein the rack  
comprises a front side and a back side, the cable  
management flip tray assembly mounted to the back side of  
the rack.

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4. The rack system of Claim 1 wherein the information handling system comprises a blade server operable to house multiple blades and the flip tray second position allows for the installation and removal  
5 of blades.

5. The rack system of Claim 1 further comprising the cable management flip tray assembly sized to be mounted in a 3U envelope within the rack.

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6. The rack system of Claim 1 wherein:  
the flip tray mounting bracket comprises a first end and a second end connected by a bottom support member;  
the first end and the second end having a generally  
15 vertical disposition, the bottom support having a generally horizontal disposition; and  
the first end and the second end each having a rack attachment interface and a flip tray mounting interface.

20 7. The rack system of Claim 6 wherein each rack attachment interface comprises a hook and a tab disposed to tool-lessly attach the flip tray mounting bracket with the rack standard interface portion.

25 8. The rack system of Claim 6 wherein each flip tray mounting interface comprises an L-shaped slot.

9. The rack system of Claim 1 wherein:

the flip tray mounting bracket having a first end  
and a second end, the first end having a first flip tray  
mounting interface comprising a first L-shaped slot and  
5 the second end having a second flip tray mounting  
interface comprising a second L-shaped slot;

the flip tray having a first mounting member  
comprising a third L-shaped slot and a second mounting  
member comprising a fourth L-shaped slot;

10 the third L-shaped slot and the fourth L-shaped slot  
formed to align with the first L-shaped slot and the  
second L-shaped slot; and

a first pin extending through the first slot and the  
third slot and a second pin extending through the second  
15 slot and the fourth slot.

10. The rack system of Claim 1 wherein the flip  
tray further comprises at least one pull handle.

20 11. The rack system of Claim 1 wherein the flip  
tray mounting bracket comprises a bottom support member  
in a generally horizontal disposition and the second  
position further comprising the flip tray disposed in a  
generally horizontal position in a plane lower than the  
25 horizontal plane of the bottom support.

12. The rack system of Claim 1 wherein the flip  
tray further comprises a variety of perforations for  
promoting air flow therethrough.

13. A cable management flip trap assembly  
comprising:

5 a flip tray mounting bracket and flip tray mounted  
thereto;

the flip tray mounting bracket operable to be  
selectively mounted to a rack;

10 the flip tray having at least one retainer for  
managing cabling associated with an associated  
information handling system stored in the rack, the flip  
tray selectively moveable between a first, generally  
vertical, position and a second, generally horizontal,  
position operable to facilitate access to the associated  
information handling system component stored within the  
15 rack.

14. The rack system of Claim 13 wherein the flip  
tray second position allows for the installation and  
removal of modular components into the associated  
20 information handling system.

15. The rack system of Claim 13 further comprising  
the cable management flip tray assembly sized to be  
mounted in a 3U envelope within the rack.

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16. The rack system of Claim 13 wherein:

the flip tray mounting bracket comprises a first end  
and a second end connected by a bottom support member;

the first end and the second end having a generally  
5 vertical disposition, the bottom support having a  
generally horizontal disposition; and

the first end and the second end each having a rack  
attachment interface and a flip tray mounting interface.

10 17. The rack system of Claim 13 wherein:

the flip tray mounting bracket having a first end  
and a second end, the first end having a first flip tray  
mounting interface comprising a first L-shaped slot and  
the second end having a second flip tray mounting

15 interface comprising a second L-shaped slot;

the flip tray having a first mounting member  
comprising a third L-shaped slot and a second mounting  
member comprising a fourth L-shaped slot;

the third L-shaped slot and the fourth L-shaped slot  
20 formed to align with the first L-shaped slot and the  
second L-shaped slot, respectively; and

a first pin extending through the first slot and the  
third slot and a second pin extending through the second  
slot and the fourth slot.

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18. The rack system of Claim 13 wherein the flip  
tray mounting bracket comprises a bottom support member  
having a generally horizontal disposition corresponding  
to a horizontal plane and the flip tray second position  
5 further comprising the flip tray disposed in a generally  
horizontal position in a plane lower than the horizontal  
plane of the bottom support.

19. A method for managing cabling associated with  
10 an information handling system component comprising:  
mounting an information handling system component in  
a rack;  
mounting a cable management flip tray assembly to  
the rack adjacent to the information handling system  
15 component;  
securing cabling associated with the information  
handling system component to the cable management flip  
tray assembly;  
positioning the cable management flip tray assembly  
20 in a second position for accessing the information  
handling system component;  
installing at least one modular component; and  
positioning the cable management flip tray assembly  
in a first position adjacent to the rear portion of the  
25 information handling system component.

20. The method of Claim 19 wherein the information  
handling system component comprises a blade server and  
the at least one modular component comprises at least one  
30 blade server.